


SPECIFICATIONS

Current Rating: 0.5A
 Contact Resistance: 60mΩ Max.
 Insulator Resistance: 1000MΩ Min.
 Dielectric Voltage: 250V AC for one minute
 Operating temperature: -40°C to +85°C

Material

Housing: Hi-Temp. Thermoplastic, UL94V-0, Natural 
 Contacts: Phosphor Bronze

ORDER INFORMATION

5 B B 0 8 9 C X X F - X X X X U R - 0 1

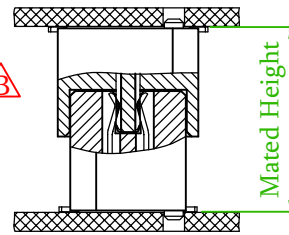
Plastic Height
 22:H=2.2
 27:H=2.7
 52:H=5.2

No. of contacts
 (See Table)

G3:Gold 3u"
 GA:Gold 5u"
 S3:Selective 3u"

RoHS

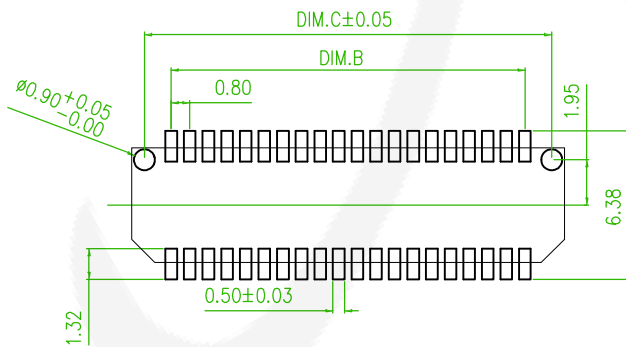
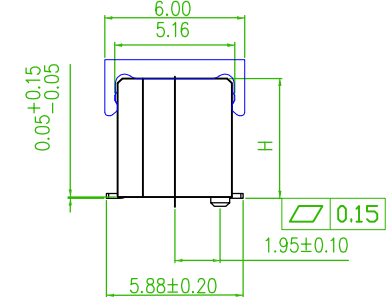
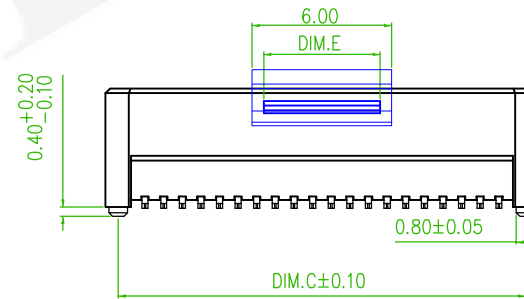
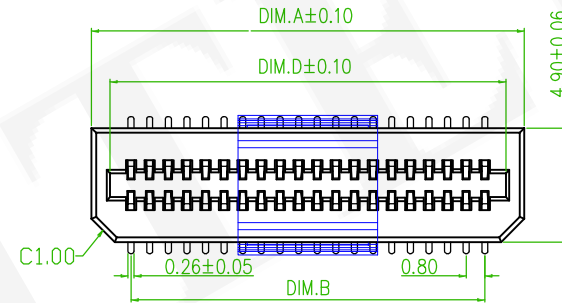
R:T/R With Cap






Assembly



Dimension(mm)		
Female P/N	Male P/N	Mated Height
5BB089C22F-XXXXUX-01	5BB089C27M-XXXXUX-01	3.0
	5BB089C37M-XXXXUX-01	4.0
	5BB089C47M-XXXXUX-01	5.0
5BB089C27F-XXXXUX-01	5BB089C27M-XXXXUX-01	3.5
	5BB089C37M-XXXXUX-01	4.5
	5BB089C47M-XXXXUX-01	5.5
5BB089C52F-XXXXUX-01	5BB089C27M-XXXXUX-01	6.0
	5BB089C37M-XXXXUX-01	7.0
	5BB089C47M-XXXXUX-01	8.0
	5BB089C1CM-XXXXUX-01	13.0
	5BB089C2CM-XXXXUX-01	14.0

NO.OF PINS	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
14	8.20	4.80	7.10	6.60	2.00
16	9.00	5.60	7.90	7.40	
20	10.60	7.20	9.50	9.00	
22	11.40	8.00	10.30	9.80	2.50
24	12.20	8.80	11.10	10.60	
26	13.00	9.60	11.90	11.40	3.00
30	14.60	11.20	13.50	13.00	
34	16.20	12.80	15.10	14.60	
40	18.60	15.20	17.50	17.00	5.00
50	23.40	19.20	21.50	21.00	
60	27.40	23.20	25.50	25.00	
64	29.00	24.80	27.10	26.60	6.50
80	35.40	31.20	33.50	33.00	
100	43.40	39.20	41.50	41.00	



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	0.8 mm BOARD TO BOARD FEMALE V/T SMT TYPE			頁數 Page	1/1
	品號 PART NO.	 5BB089CXXF-XXXXUR-01		繪圖 DRAWN	Roy 2018/12/28	
圖號 DRAWING NO.	GN003-R1086	版本 REV.	C	核對 CHECKED	Josh 2018/12/28	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/12/28	
公差 TOLERANCE	.X ± 0.40 .XX ± 0.25	.X°±3	單位 UNIT	mm	THIRD ANGLE PROJECTION	

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
 x2	ECN NO.:200908 : Revise the Pakeage	David	2020/10/14
 x1	ECN-200110.: Add the Housing Color	Benson	2020/03/07